

2/13/2020

To: Mayor and Council members

Construction update on the trail connecting existing Shadow Creek Nature Trail to developer constructed trails east of Kirby, eventually connecting Shadow Creek Ranch Sports Complex and the Modern Green park. Project is 80% federally funded and expected to be open prior to this summer. -Trent



Shadow Creek Ranch Bike and Pedestrian Trail

Scope: The Shadow Creek Ranch Trail project is a 4,500-ft long 10-ft wide hike and bike trail along an alignment defined by Clear Creek from a tie-in point east of Kirby Drive and the existing SCR Nature Trail to the west. The project includes, a shade structure, benches, trail signage, trash receptacles, and wild flower plantings.

Justification: The Parks & Recreation Master Plan identified the need to create hike and bike trails as a priority during acquisition and development. **This project is included in the 2013-2014 TIP and will be 80% federally funded.**

Project Manager: Fatema Weekly

Construction Manager: Freese and Nichols

Designer: Talley Landscape Architects

Contractor: Texas Wall & Landscape

Budget Info:



Funding Sources	Series	To Date	Future	Total Budget
TIRZ Reimbursement (CO)	2016	324,951		324,951
TIRZ Reimbursement (CO)	2018	380,000		380,000
General Obligation Bonds				-
General Obligation Bonds				-
W/S Revenue Bonds				-
W/S Revenue Bonds				-
General Revenue - Cash		38,994		38,994
Other Funding Sources (TIP)		1,492,366		
Other Funding Sources - Fund Balance		79,815		79,815
Total Funding Sources		2,316,126	-	2,316,126

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	345,952		345,952
Construction	1,647,015		1,647,015
Construction Management/Inspection	133,575		133,575
Construction Materials Testing			-
FF&E			-
Total Expenditures	2,126,542	-	2,126,542

Project Balance/Contingency			189,584
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Schedule Info:

	Base Line	Current
Design Start	September-15	February-17
Bid Start	May-18	July-18
Construction Start	October-18	October-19
Proposed Construction Completion	April-20	

Rain Days: 7

Highlights:

- The NTP for this construction project was issued October 28, 2019
- **A total of 3,200 L.F.; approximately 73% of concrete has been placed on the trail.** Remaining concrete pours will be scheduled once grounds are deemed dry enough for continued activity resulting from recent rainfalls.
- 60% of the contract schedule has elapsed with continuous construction efforts being made to finish the project on schedule as per contract guidelines.
- Change Order 1 is to revise unit pricing due to escalation between contract award and issuance of the notice to proceed is pending and discrepancy in bid quantities. Change order is expected to be net zero change due to a concerted effort by the contractor and staff to value engineering some of items that did not impact the project. Examples of these items which include tree protection, as a result of BDD4 clearing the area, removal of construction exits, a negotiation of a unit price reduction for 6" and 8" concrete sidewalk and the reduction of amount of reinforced filter fabric fencing. The change order is a result of efforts to address a significant quantity discrepancy identified on the 8" sidewalk prior to the commencement of the project. The original contract showed a bid quantity of 14,938 sq. ft., and the construction plans call for placement of 19,390 sq. ft. of 8" sidewalk.

Upcoming Work: (2 week look ahead)

- Site preparation is ongoing with grading, forming and laying expansion joints on the east of the trail. All other areas remain unsuitable to work due to recent rain day delays
- The contractor has scheduled upcoming weekend work in order to remedy a delay in scheduled daily work due to continuous inclement weather.
- Staff worked with the City's Parks division to finalize text and artwork signage; fabrication to begin for decorative and informative trail signs.
- **Pending weather, the project substantial completion date is April 25, 2020**

Previous Memos: 11/17/16, 5/25/17, 10/5/17, 11/9/17, 5/3/18, 9/13/18, 12/6/18, 7/11/19

VICINITY MAP



Legend/Notes

- Edge of Pavement
- Right of Way
- Parcels



1:4,800
1 inch = 400 feet



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MAP PREPARED: FEBRUARY 13, 2020

Construction Photos:











